

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Elementary School Name: \_\_\_\_\_

**7AA Summer Packet**  
**Leave your answers in the simplest improper fraction.**  
**Circle your answers.**

**Adding and Subtracting Fractions**

Add or Subtract:

1.  $\frac{3}{8} + \frac{3}{8} =$

2.  $\frac{5}{9} + \frac{1}{3} =$

3.  $\frac{5}{12} + \frac{7}{8} =$

4.  $\frac{7}{9} - \frac{1}{6} =$

5.  $4\frac{2}{5} + 2\frac{1}{5} =$

6.  $5\frac{3}{8} + 2\frac{7}{8} =$

7.  $7\frac{5}{6} - 2\frac{3}{10} =$

8.  $10 - 5\frac{4}{9} =$

9.  $7\frac{1}{3} - 3\frac{6}{7} =$

10.  $12\frac{7}{9} + 3\frac{11}{12} =$

11.  $8\frac{2}{5} - 4\frac{3}{4} =$

12.  $4 - 1\frac{7}{8} =$

13. Jenna had  $4\frac{3}{4}$  yards of leopard print fabric. She wanted to make a skirt that called for  $2\frac{7}{8}$  of fabric. How much will she have left over?

14. Challenge Question:

Traci bought  $1\frac{1}{4}$  yards of yellow ribbon,  $2\frac{5}{6}$  yards of pink ribbon, and  $3\frac{1}{2}$  yards of purple ribbon. How many yards of ribbon did she buy altogether?

## Multiplying and Dividing Fractions

### Directions:

Evaluate the following equations.

Turn the answers into improper fractions.

$$15. \frac{4}{5} \times \frac{2}{6} =$$

$$16. 7 \div \frac{1}{3} =$$

$$17. \frac{3}{4} \times \frac{1}{7} =$$

$$18. 3 \times \frac{2}{9} =$$

$$19. \frac{3}{5} \times 6 =$$

$$20. \frac{1}{6} \div 4 =$$

$$21. 4 \times \frac{8}{10} =$$

$$22. \frac{1}{10} \div 3 =$$

$$23. \frac{6}{8} \times \frac{2}{5} =$$

$$24. \frac{1}{3} \div 5 =$$

$$25. 14 \div 3 =$$

$$26. 4 \div \frac{1}{2} =$$

$$27. 4 \div \frac{1}{10} =$$

$$28. \frac{4}{5} + \frac{1}{2} =$$

$$29. 12 \div 7 =$$

### Directions:

Solve the word problems below.

Label your answers.

30. 8 people share 3 sub sandwiches equally. What fraction of a whole sub does each person get?

31. David ran  $\frac{3}{4}$  of a mile every day for 7 days. How many miles did David run after seven days?

32. Nine pounds of rice was divided evenly into 5 separate bags to be sold separately. How many pounds of rice was in each of the bags?

33. A 5-mile walking trail has markers every  $\frac{1}{4}$  of a mile. How many markers are there along the trail?

34. A rectangle has measurements of  $\frac{2}{3}$  of a foot long and  $\frac{1}{2}$  of a foot wide. What is the area of the rectangle?

35. At camp,  $\frac{1}{4}$  of the children are divided into 3 equal groups for crafts. What fraction of children at camp are in each group?

### Classifying Real Numbers/Working with Integers

**Add or subtract:**

36)  $-10 + (-3) + 5$

37)  $62 + (-21) + (-13)$

38)  $-31 + (-18) + (-26)$

39)  $-15 - 6 - (-9)$

40)  $21 - 32 - (-17)$

41)  $-12 - (-58) - 19$

**Multiply or divide:**

42)  $-8(7)(-2) =$

43)  $11(-2)(0) =$

44)  $-12(-3)(-5) =$

45)  $-72 \div 8 =$

46)  $24 \div (-3) =$

47)  $-156 \div (-4) =$

48)  $(3)(-2)(6) =$

49)  $(75) \div (3) =$

**Find the sum, difference, product, or quotient:**

50)  $168 + (-73) - (-26) =$

51)  $(-11)(-2)(4) =$

52)  $(-72) \div (6) =$

53)  $(-39) + (-107) + 69 =$

54)  $(-57) + 129 + (-81) =$

55)  $144 \div (-12) =$